Figure 1 - Reina-San-Martin, B. et al.

а

3.000 3.000 Total Total

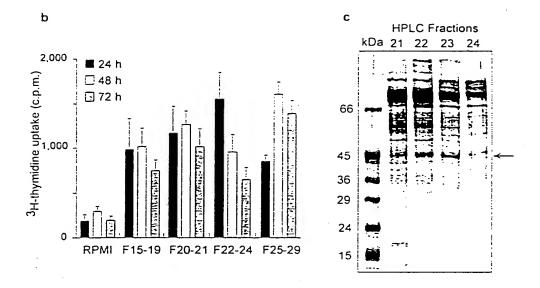
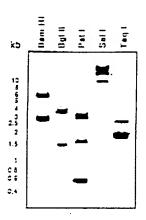
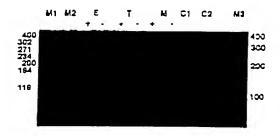


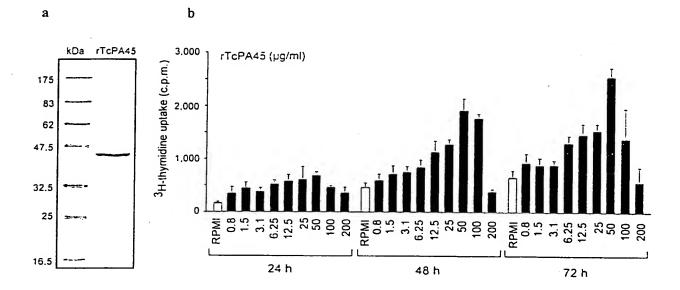
Figure 2 - Reina-San-Martin, B. et al.

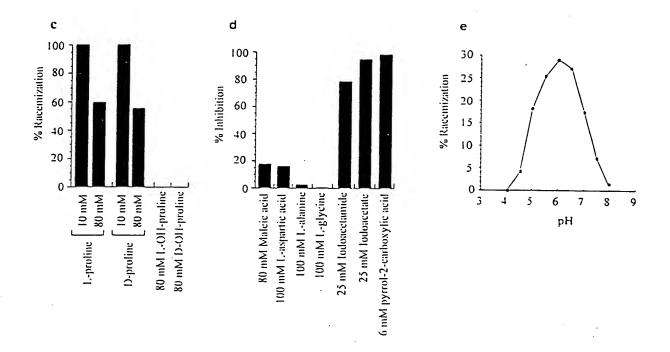
4		
ГC	MRKSVCPKQKFFFSAFPFFFFCVFPLISRTGQEKLLFDQKYKIIKGEKKEKKKNQRANRREHQQKREIMRFKKS	75
Cs	MKFSKG	5
Pa		3
rc	FTCIDMHTEGEAARIVTSGLPHIPGSNMAEKKAYLQENMDYLRRGIMLEPRGHDDMFGAFLFDPIEEGADLGMVF	150
Cs	IHAIDSHTMGEPTRIVVGGIPQINGETMADKKKYLEDNLDYVRTALMHEPRGHNDMFGSIITSSNNKEADFGIIF	31
?a	IRIIDSHTGGEPTRLVIGGFPDLGQGDMAERRRLLGERHDAWRAACILEPRGSDVLVGALLCAPVDPEACAGVIF	73
Гc	MDTGGYLNMCGHNSIAAVTAAVETGIVSVPAKATNVPVVLDTPAGLVRGTAHLQSGTESEVSNASIINVPSFLYQ	225
Cs	MDGGGYLNMCGHGSIGAATVAVETGMVEMVEPVTNINMEAPAGLIKAKVMVENEKVKEVSITNVPSFLYM	151
?a	FNNSGYLGMCGHGTIGLVASLAHLGRIGPGVHRIETPVGEVEATLHEDGSVSVRNVPAYRYR	140
Гc	QDVVVVLPKPYGEVRVDIAFGGNFFAIVPAEQLGIDISVQNLSRLQEAGELLRTEINRSVKVQHPQLPHINTVDC	300
2s	EDAKLEVPSLNKTITFDISFGGSFFAIIHAKELGVKVETSQVDVLKKLGIEIRDLINEKIKVQHPELEHIKTVDL	225
?a	RQVSVEVPGI-GRVSGDIAWGGNWFFLVAGHGQRLAGDNLDALTAYTVAVQQALDDQDIRGEDGGAIDH	203
ГC	VEIYGPPTNPEANYKNVVIFGNRQADR SPCGT GTSAKMATLYAKGQLRIGETFVYESILGSLFQGRVLGEE	371
2s	VEIYDEPSNPEATYKNVVIFGQGQVDR SPCGT GTSAKLATLYKKGHLKIDEKFVYESITGTMFKGRVLEET	297
Pa	IELFADDPHADSRNFVLCPGKAYDR SPCGT GTSAKLACLAADGKLLPGQPWRQASVIGSQFEGRYEWLDGQ	279
CC.	RIPGVKVPVTKDAEEGMLVVTAEITGKAFIMGFNTMLFDPTDPFKNGFTLKQ* 423	
S	KVGEFD311PEITGGAYITGFNHFVIDPEDPLKYGFTV* 335	
Pa	PGGPIVPTIRGRAHVSAEATLLLADDDPFAWGIRR* 314	













TTTTCCGCCTTCCCATTTTTTTTTTTTTTTTTGTGTGTTTCCCTTGATCTCT F S A F P F F F F C V F P L I S R T G Q E K L L F D Q K Y G Q E K L L F D Q K Y AAGAAATCATTCACATGCATCGACATGCATACGGAAGGTGAAGCAGCACGGATTGTGACGAGTTGCTGCCACACATTCCAGGTTCGAAT K K S F T C I D M H T E G E A A R I ATGGCGGAGAAGAAGCATACCTGCAGGAAAACATGGATTATTTGAGGCGTGGCATAATGCTGGAACCACGTGGTCATGATGATATGTTT M A E K K A Y L Q E N M D Y L R R G I M L E P R G H D D M F GGAGCCTTTTTATTTGACCCTATTGAAGAAGGCGCTGACTTGGGCATGGTATTCATGGATACCGGTGGCTATTTAAATATGTGTGGACAT G A F L F D P I E E G A D L G M V F M D T G G Y L N M C G H AACTCAATTGCAGCGGTTACGGCGGCAGTTGAAACGGGAATTGTGAGCGTGCCGGCGAAGGCAACAAATGTTCCGGTTGTCCTGGACACA SIAAVTAAVETGIVSVPAKATNVPVVLDT CCTGCGGGGTTGGTGCGCGGTACGGCACACCTTCAGAGTGGTACTGAGAGTGAGGTGTCAAATGCGAGTATTATCAATGTACCCTCATTT A G L V R G T A H L Q S G T E S E V S N A S I I N V  ${f T}{f G}{f T}{f G}{f T}{f G}{f G}{f G}{f G}{f G}{f G}{f G}{f T}{f G}{f C}{f C}{f A}{f A}{f G}{f C}{f G}{f G}{f$ LYQQDVVVVLPKPYGEVRV GTTCCCGCGGAGCAGTTGGGAATTGATATCTCCGTTCAAAACCTCTCCAGGCTGCAGGAGGCAGGAGAACTTCTGCGTACTGAAATCAAT V P A E Q L G I D I S V Q N L S R L Q E A G E L L R T E I N CGCAGTGTGAAGGTTCAGCACCCTCAGCTGCCCCATATTAACACTGTGGACTGTGTTGAGATATACGGTCCGCCAACGAACCCGGAGGCA RSVKVQHPQLPHINT V D C AACTACAAGAACGTTGTGATATTTGGCAATCGCCAGGCGGATCGCTCTCCATGTGGGACAGGCCACGCGCCAAGATGGCAACACTTTAT F<u>GNR</u>QADRSPCGTGAK<u>M</u> GCCAAAGGCCAGCTTCGCATCGGAGAGACTTTTGTGTACGAGAGCATACTCGGCTCACTCTTCCAGGGCAGGGTACTTGGGGAGGAGCGA AKGQLRIGETFVYESILGSLFQGRVLGEER ATACCGGGGGTGAAGGTGCCGAAAGATGCCGAGGAAGGGATGCTCGTTGTAACGGCAGAAATTACTGGAAAGGCTTTTATCATG PGVKVPVTKDAEEGMLVVTAEITGKAFIM GGTTTCAACACCATGCTGTTTGACCCAACGGATCCGTTTAAGAACGGATTCACATTAAAGCAGTAGATCTGGTAGAGCACAGAAACTATT G F N T M L F D P T D P F K N G F T L K Q ATTATTAAATTTTTTTTTTTTTTGGGGTTTCAACGGTACCGCGTTGGGAGCAGGGAAGCGATAGCGGCCGGACAATTTTTTGCTTTTAT AGGAATAAACATATTTCAATTTCATATCTTGGAATCAAAAGGCAT

180

270

350

102

-30

132

520

162

610

192

700

222

252

330

232

970

312

342

372

402

423

1050

1150

1240

1330

1420

1510

1600

1651

Polyadenilation site

Obs : Underlined the sequenced peptides used to deduce degenerated primers for cloning

Nucleotide sequence and peptide sequence TcPA45

38

Weilern blot

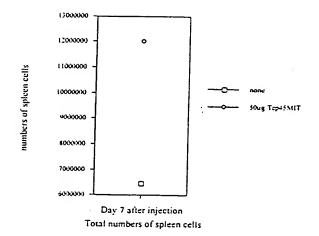
LANE 3

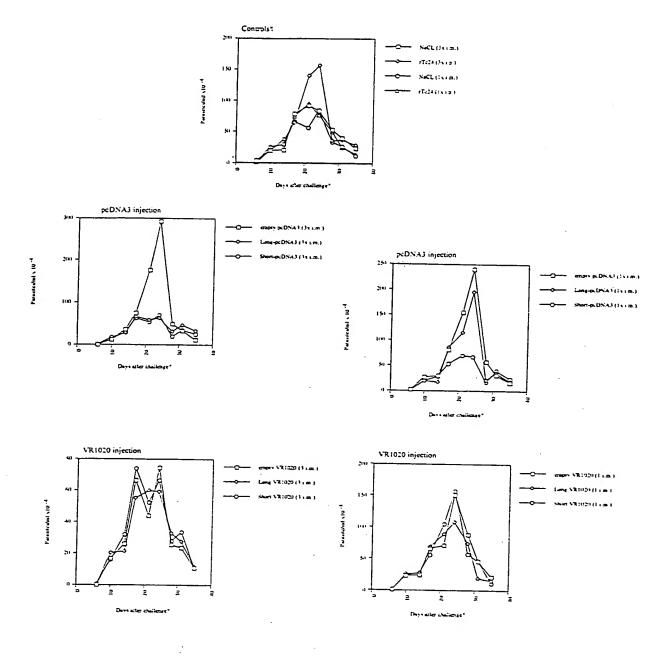
SOLUBLE FRACTION OF EPIMAJTISOTE EXTRECT (CYTOSOLIC)

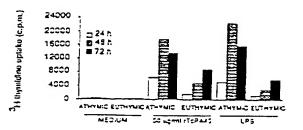
ENERICED WITH ANTICODY

DIRECTED TO RTEPA 45:

= DEMONSTRATE THE EXISTANCE OF A INTRACYTOPLASMIC FORM DE TEPA-45 IN THE PROPASITE







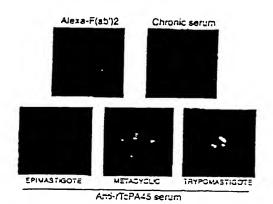


FIGURE 10(a)



